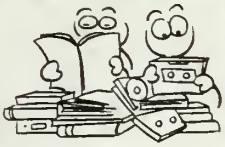
University of Alberta Library
0 1620 1914 2486



ALBERTA AUTHORIZED RESOURCE LIST

SCIENCE 14

March 2003 (Draft)

Q
181.5
A33332
2003

CURRGDHT

Alberta
LEARNING
Learning and Teaching Resources Branch

Digitized by the Internet Archive
in 2012 with funding from
University of Alberta Libraries

http://archive.org/details/science14rl03albe

University of Alberta Library
0 1620 1914 2486

ALBERTA AUTHORIZED RESOURCE LIST

SCIENCE 14

March 2003 (Draft)

Alberta
LEARNING
Learning and Teaching Resources Branch

UNIVERSITY OF ALBERTA
QUAECUMQUE VERA
EX LIBRIS
UNIVERSITATIS
ALBERTENSIS

TABLE OF CONTENTS

		Page
Overview		
	New Science 14 Resources	i
	Availability	ii
	Authorized Science Resources	ii
Science 14	Basic Resources for Units A, B, C, D	1
Science 14	Support and Authorized Teaching Resources:	
	Unit A: Investigating Properties of Matter	2
	Unit B: Understanding Energy Transfer Technologies	2
	Unit C: Investigating Matter and Energy in Living Systems	3
	Unit D: Investigating Matter and Energy in the Environment	3
Vendors		4

©Alberta Learning, Alberta, Canada

OVERVIEW

New Science 14 Resources

This list of Science 14 resources, contains resources that have been authorized for use in Alberta schools. Alberta Learning selects and authorizes the best possible instructional materials for the implementation of approved programs of study. The resource authorization categories are **student basic**, **student support** or **authorized teaching**, and the status is noted for each resource.

> **Student Basic** learning resources are those student learning resources authorized by Alberta Learning as the most appropriate for addressing the majority of outcomes of the course(s) or substantial components of the course(s); or the most appropriate for meeting general outcomes across two or more grade levels.
>
> **Student Support** learning resources are those student learning resources authorized by Alberta Learning to assist in addressing some of the outcomes of the course(s) or components of the course(s); or to assist in meeting the outcomes across two or more grade levels.
>
> **Authorized Teaching** resources are those teaching resources identified as the best available resources to support the implementation of programs of study and courses; they may be teacher guides to accompany student resources or teacher professional resources. The authorized teaching guides are listed with the student resources.

The list of these resources is organized by unit (Unit A to Unit D).

> **Note:**
>
> Alberta Learning strongly recommends that teachers read all selections in the student resources and all activities in the teacher guides prior to using them with students. Careful consideration should be given to the sensitivities of both the student audience and the community.

©Alberta Learning, Alberta, Canada

UNIVERSITY LIBRARY
UNIVERSITY OF ALBERTA

Availability

Most of the new Alberta resources are available for purchase from:

Learning Resources Centre
12360 – 142 Street, Edmonton, AB T5L 4X9
Telephone: 780–427–5775
Fax: 780–422–9750
Internet: http://www.lrc.learning.gov.ab.ca

LRC order numbers and prices (as of the printing of this booklet) are included for each resource.

Authorized Science 14 Resources

For a **complete** list of Science 14 resources, consult the Learning Resources Centre *Buyers Guide*. Some of the older resources will be withdrawn from authorized status in the year(s) ahead.

©Alberta Learning, Alberta, Canada

SCIENCE 14

Basic Resources – Units A, B, C, D, E

Series / Title	Copyright Date	Status / Unit(s)	LRC Order No.	Price

Basic Learning Resources

This custom-developed student text, with integrated multimedia CD–ROM, provides direct support for the Science 14 program. The CD–ROM consists of ten interactive learning modules that complement topics addressed in the textbook.

The Teacher's Resource CD-ROM is designed to assist teachers in implementing the Science 14 program. It aligns with the Science.Connect 1 basic resource produced by this publisher. Features include planning guides, assessment rubrics, answers to questions and blackline masters. All components can be edited to provide flexibility.

NEW Science.Connect 1 (Student Text)	2002	Basic 14A / 14B / 14C / 14D	470972	$60.05 LRC
NEW Science.Connect 1: Teacher's Resource CD-ROM	2002	Authorized Teaching 14A / 14B / 14C / 14D	480848	$120.00 LRC

©Alberta Learning, Alberta, Canada

SCIENCE 14

Unit A – Investigating Properties of Matter

Series / Title	Copyright Date	Status / Unit(s)	LRC Order No.	Price
Support Learning Resources				
NEW The Reactivity of Elements *Science Key Concepts: Chemistry*		Support 14A (Marlin Motion Pictures Ltd.)	Pending	LRC / Publisher / Distributor
NEW Separating Mixtures: Size, Crystallization, Chromatography, Gravity, Sieving, etc.	1995	Support 14A (Classroom Video)	Pending	LRC / Publisher / Distributor
Authorized Teaching Resources				
New resources for Unit A, with potential for Authorized Teaching status, are under review.				

Unit B – Understanding Energy Transfer Technologies

Series / Title	Copyright Date	Status / Unit(s)	LRC Order No.	Price
Support Learning Resources				
NEW Biomass Energy	1981	Support 14B / 14D (National Film Board)	Pending	LRC / Publisher / Distributor
NEW Harness the Wind; The Solar House; Bate's Car: Sweet as a Nut; Bill Loosely's Heat Pump *A World of Energy 2*	1987	Support 14B	485682	$58.40 LRC
Authorized Teaching Resources				
NEW Lever; Wheel and Axle, Pulley (Revised) (with Instructor's Guide and Pre-Test) *Work, Energy, and the Simple Machine*	2001	Authorized Teaching 14B (Marlin Motion Pictures Ltd.)	Pending	LRC / Publisher / Distributor

©Alberta Learning, Alberta, Canada

SCIENCE 14

Unit C – Investigating Matter and Energy in Living Systems

Series / Title	Copyright Date	Status / Unit(s)	LRC Order No.	Price
Support Learning Resources				
New resources for Unit C, with potential for Support status, are under review.				
Authorized Teaching Resources				
NEW The Living Cell *Biology: The Science of Life*	2000	Authorized Teaching 14C	BPN 20548-02	ACCESS–The Education Station /
NEW Photosynthesis: Light into Life (Videocassette with Teacher's Guide)	1997	Authorized Teaching 14C	485509	$232.65 LRC
NEW Photosynthesis (with Teacher's Guide) *The World of Plants*		Authorized Teaching 14C (Marlin Motion Pictures Ltd.)		LRC / Publisher / Distributor

Unit D – Investigating Matter and Energy in the Environment

Series / Title	Copyright Date	Status / Unit(s)	LRC Order No.	Price
Support Learning Resources				
NEW Biomass Energy	1981	Support 14B / 14D (National Film Board)	Pending	LRC / Publisher / Distributor
NEW Burns Bog: A Road Runs Through It	1999	Support 14D	468018	$46.70 LRC
NEW Managing Our Resources *Forests of the World*	1993	Support 14D (Marlin Motion Pictures Ltd.)		LRC / Publisher / Distributor
Authorized Teaching Resources				
NEW Ecosystems: Organisms and their Environment (with Teacher's Guide) *Elements of Biology*	2002	Authorized Teaching 14D (Marlin Motion Pictures Ltd.)		LRC / Publisher / Distributor

©Alberta Learning, Alberta, Canada

Vendors

ACCESS–The Education Station
3720 – 76 Avenue
EDMONTON AB T6B 2N9
Telephone: 800–352–8293; 780–440–7728
Fax: 780–440–8899
Internet: http://www.accesslearning.com

Classroom Video
Suite 107–1500 Hartley Avenue
COQUITLAM BC V3K 7A1
Telephone: (800) 665–4121; (604) 523–6677
Fax: (800) 665–2909; (604) 523–6688
Internet: http://www.classroomvideo.com

Learning Resources Centre (LRC)
12360 – 142 Street
EDMONTON AB T5L 4X9
Telephone: 780–427–5775
Fax: 780–422–9750
Internet: http://www.lrc.learning.gov.ab.ca

Marlin Motion Pictures Ltd.
211 Watline Avenue
MISSISSAUGA ON L4Z 1P3
Telephone: 888–260–2232; 905–890–1500
Fax: 800–203–8786; 905–890–6550
Internet: http://www.marlineducation.com

National Film Board
Suite 300–136 Market Avenue
WINNIPEG MB R3B 0P4
Telephone: 204–983–7997
Fax: 204–983–0742
Internet: http://www.nfb.ca/

©Alberta Learning, Alberta, Canada